

WILLAMETTE FALLS FISHWAY COUNTS

Month January

Year 2005

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
																	539	
1	15,400																18	557
2	15,700																20	577
3	15,400	35	55.2	4.8													10	587
4	14,900	35	55.2	4.8													15	602
5	13,100	34	55.2	5.0													11	613
6	12,100	34	54.6	5.2													6	619
7	12,000	33	54.3	5.2													2	621
8	11,200																1	622
9	11,500																5	627
10	11,900	33	54.6	4.3													3	630
11	12,300	33	54.6	4.3													11	641
12	11,900	34	54.6	4.5													8	649
13	11,500																9	658
14	11,400	34	54.7	4.5													2	660
15	10,800																2	662
16	10,600																3	665
17	10,900																9	674
18	12,200	38	54.6	3.6													14	688
19	22,500	41	56.2	3.7													84	772
20	23,100	42	56.4	1.5													87	859
21	19,700	42	56.1	1.3													27	886
22	16,700																53	939
23	14,900																65	1,004
24	13,900	45	55.5	3.1													37	1,041
25	13,400	45	55.3	3.1													16	1,057
26	12,000	45	55.3	3.4													10	1,067
27	11,900	45	54.5	3.3													41	1,108
28	10,700	45	54.4	4.2													15	1,123
29	10,300																10	1,133
30	11,800																22	1,155
31	11,200	44	54.9	4.0													27	1,182

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2005

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	urbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						6										1,826		
1	8,200				0	6								4	4	30	1,856	
2	8,200	47	54.1	4.8	0	6								18	22	169	2,025	
3	8,000	47	54.7	4.8	0	6								3	25	52	2,077	
4	7,900	48	53.8	5.3	0	6								18	43	148	2,225	
5	7,700				6	12								9	52	85	2,310	
6	7,500				0	12								9	61	86	2,396	
7	7,200	50	53.7	5.6	2	14								3	64	34	2,430	
8	7,100	50	53.6	5.6	1	15								2	66	21	2,451	
9	6,900				1	16								7	73	66	2,517	
10	6,900	52	53.6	6.2	5	21								6	79	32	2,549	
11	6,800	52	53.5	6.3	2	23								6	85	52	2,601	
12	6,700				3	26								13	98	75	2,676	
13	6,600				7	33								17	115	115	2,791	
14	6,500	52	53.3	6.2	13	46								26	141	133	2,924	
15	6,400	53	53.3	6.2	20	66								22	163	87	3,011	
16	6,400	52	53.3	6.2	30	96								19	182	113	3,124	
17	6,400	52	53.3	5.8	11	107								15	197	80	3,204	
18	6,700				18	125								11	208	68	3,272	
19	6,700				14	139								8	216	47	3,319	
20	6,900				17	156								11	227	43	3,362	
21	7,800	48	54.1	6.3	16	172								14	241	55	3,417	
22	8,000	48	53.7	6.2	23	195	1	1						13	254	57	3,474	
23	7,900	50	53.7	6.2	21	216	0	1						14	268	25	3,499	
24	8,400	50	54.2	6.0	10	226	0	1						5	273	18	3,517	
25	9,400	47	54.4	5.3	3	229	0	1						6	279	16	3,533	
26	10,700				4	233	0	1						19	298	38	3,571	
27	19,000				30	263	0	1						22	320	69	3,640	
28	40,200	46	57.5	<1.0	7	270	0	1						25	345	71	3,711	
29	47,500	45	57.5	<1.0	4	274	0	1						15	360	44	3,755	
30	46,900	45	56.8	<1.0	0	274	0	1						18	378	69	3,824	
31	39,500	45	58.2	<1.0	7	281	0	1						14	392	107	3,931	

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2005

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						11,264		187						1,889		5,668		
1	15,200				1,402	12,666	41	228						101	1,990	37	5,705	
2	15,300	58	55.1	5.3	1,319	13,985	38	266						105	2,095	38	5,743	
3	15,200	58	55.2	5.3	680	14,665	25	291						67	2,162	21	5,764	
4	14,800	58	55.1	4.8	955	15,620	31	322						81	2,243	27	5,791	
5	14,800	59	55.1	4.8	999	16,619	34	356						73	2,316	17	5,808	
6	15,500	58	55.1	4.7	767	17,386	27	383						60	2,376	21	5,829	
7	16,700				719	18,105	33	416						60	2,436	25	5,854	
8	16,800				631	18,736	27	443						72	2,508	21	5,875	
9	16,400	55	55.2	5.1	382	19,118	35	478						104	2,612	12	5,887	
10	18,400	54	55.7	4.9	232	19,350	21	499						48	2,660	12	5,899	
11	30,000	53	56.7	3.4	103	19,453	4	503						63	2,723	12	5,911	
12	36,100	53	57.4	2.8	16	19,469	0	503						11	2,734	2	5,913	
13	30,500	53	57.1	1.5	47	19,516	0	503						22	2,756	10	5,923	
14	24,300				121	19,637	11	514						169	2,925	17	5,940	
15	20,400				357	19,994	11	525						208	3,133	23	5,963	
16	18,400	56	55.7	3.1	503	20,497	21	546						173	3,306			
17	18,900	56	55.3	3.0	386	20,883	34	580						179	3,485			
18	23,200	56	55.9	3.3	332	21,215	21	601						116	3,601			
19	26,700	55	56.3	3.3	106	21,321	2	603						46	3,647			
20	30,100	53	57.1	2.3	50	21,371	2	605						38	3,685			
21	30,000				57	21,428	3	608						89	3,774			
22	28,700				93	21,521	5	613						177	3,951			
23	27,900	52	57.0	2.4	96	21,617	4	617						69	4,020			
24	24,200	52	56.7	2.4	180	21,797	13	630						118	4,138			
25	21,000	54	56.0	3.1	450	22,247	28	658						142	4,280			
26	18,200	56	55.7	3.3	562	22,809	32	690						91	4,371			
27	16,000	60	55.4	4.4	1,286	24,095	52	742						131	4,502			
28	14,900				1,021	25,116	36	778						119	4,621			
29	13,900				879	25,995	45	823						148	4,769			
30	14,000				484	26,479	40	863						138	4,907			
31	14,200	60	54.7	4.8	523	27,002	42	905						212	5,119			

* Steelhead were only counted as Summer Steelhead beginning on May 16.

WILLAMETTE FALLS FISHWAY COUNTS

Month July

Year 2005

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						33,994		1,138		35						10,980		
1	8,900				182	34,176	8	1,146	0	35					332	11,312		
2	8,500				171	34,347	9	1,155	1	36					252	11,564		
3	8,200				90	34,437	6	1,161	3	39					172	11,736		
4	8,100				44	34,481	0	1,161	2	41					70	11,806		
5	8,000				53	34,534	1	1,162	7	48					105	11,911		
6	8,000	70	53.2	5.4	132	34,666	9	1,171	5	53					219	12,130		
7	8,000	71	53.4	5.5	105	34,771	2	1,173	5	58					203	12,333		
8	7,900	71	53.5	5.5	66	34,837	1	1,174	4	62					130	12,463		
9	7,900				42	34,879	0	1,174	8	70					106	12,569		
10	8,000				65	34,944	0	1,174	1	71					132	12,701		
11	8,000	70	53.4	5.3	31	34,975	0	1,174	1	72					81	12,782		
12	7,900	70	53.4	5.3	50	35,025	2	1,176	3	75					142	12,924		
13	7,600	71	53.4	5.4	35	35,060	0	1,176	2	77					72	12,996		
14	7,500	71	53.5	5.8	49	35,109	2	1,178	0	77					96	13,092		
15	7,500	72	53.8	6.2	54	35,163	0	1,178	2	79					136	13,228		
16	7,400				36	35,199	0	1,178	4	83					80	13,308		
17	7,600				35	35,234	0	1,178	1	84					65	13,373		
18	7,600	72	53.8	5.5	44	35,278	0	1,178	3	87					36	13,409		
19	7,400	73	53.8	5.8	13	35,291	0	1,178	0	87					29	13,438		
20	7,300	74	53.0	5.6	15	35,306	0	1,178	2	89					30	13,468		
21	7,200				23	35,329	0	1,178	0	89					32	13,500		
22	7,200	74	54.8	5.3	13	35,342	1	1,179	0	89					29	13,529		
23	7,300				3	35,345	0	1,179	0	89					16	13,545		
24	7,300				7	35,352	0	1,179	0	89					16	13,561		
25	7,200	73	54.8	5.8	3	35,355	0	1,179	1	90					13	13,574		
26	7,100	75	54.8	6.0	12	35,367	0	1,179	0	90					13	13,587		
27	7,000	75	54.8	6.0	5	35,372	0	1,179	0	90					9	13,596		
28	7,000				13	35,385	0	1,179	0	90					18	13,614		
29	7,300				5	35,390	0	1,179	0	90					14	13,628		
30	7,200				5	35,395	0	1,179	0	90					15	13,643		
31	7,300				3	35,398	0	1,179	0	90					4	13,647		

WILLAMETTE FALLS FISHWAY COUNTS

Month August Year 2005

Date	Hydrological Data				Spring/Fall Chinook						Coho				Steelhead			
					Adult		Jack		Spr.mini.Jk		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						35,398		1,179		90		0		0		13,647		
1	7,300	74	54.9	5.5	2	35,400	0	1,179	1	91	0	0	0	0	3	13,650		
2	7,200	74	54.9	5.5	1	35,401	0	1,179	0	91	0	0	0	0	4	13,654		
3	7,200	76	55.0	5.8	7	35,408	0	1,179	1	92	0	0	0	0	1	13,655		
4	7,200	76	55.0	5.8	6	35,414	0	1,179	0	92	0	0	0	0	1	13,656		
5	7,100	77	55.0	6.0	3	35,417	0	1,179	0	92	0	0	0	0	6	13,662		
6	7,000				6	35,423	0	1,179	0	92	0	0	0	0	9	13,671		
7	7,000				5	35,428	0	1,179	1	93	0	0	0	0	8	13,679		
8	7,000	75	55.0	5.3	4	35,432	0	1,179	1	94	0	0	0	0	4	13,683		
9	7,000	75	55.0	5.3	3	35,435	0	1,179	1	95	0	0	0	0	2	13,685		
10	7,000	75	55.1	5.8	1	35,436	0	1,179	1	96	0	0	0	0	4	13,689		
11	7,000	75	55.1	5.8	2	35,438	1	1,180	0	96	0	0	0	0	1	13,690		
12	7,100	76	55.1	6.0	0	35,438	0	1,180	0	96	0	0	0	0	1	13,691		
13	7,100				5	35,443	0	1,180	0	96	0	0	0	0	2	13,693		
14	7,100				7	35,450	0	1,180	0	96	0	0	0	0	2	13,695		
15	7,100	73	55.0	6.2	3	35,453	0	1,180	0	96	0	0	0	0	2	13,697		
16	7,000				8	8	1	1	0	96	0	0	0	0	3	13,700		
17	7,000	73	55.0	6.6	4	12	0	1	0	96	0	0	0	0	4	13,704		
18	7,100				4	16	0	1	0	96	1	1	0	0	8	13,712		
19	7,100	73	55.1	6.8	5	21	0	1	0	96	0	1	0	0	2	13,714		
20	7,100				0	21	0	1	0	96	0	1	0	0	7	13,721		
21	7,100				4	25	0	1	0	96	0	1	0	0	7	13,728		
22	7,200	73	55.3	5.8	8	33	0	1	0	96	0	1	0	0	5	13,733		
23	7,200	73	55.6	6.0	2	35	0	1	0	96	0	1	0	0	7	13,740		
24	7,100	71	55.7	5.7	6	41	0	1	0	96	0	1	0	0	2	13,742		
25	7,200	72	55.8	5.8	8	49	0	1	0	96	0	1	0	0	5	13,747		
26	7,100	72	55.2	6.2	7	56	0	1	0	96	0	1	0	0	11	13,758		
27	7,100				4	60	0	1	0	96	0	1	0	0	14	13,772		
28	7,100				7	67	0	1	0	96	0	1	0	0	10	13,782		
29	7,200				11	78	0	1	0	96	0	1	0	0	10	13,792		
30	7,300				10	88	0	1	2	98	0	1	0	0	18	13,810		
31	7,200	70	55.3	6.9	2	90	1	2	0	98	0	1	0	0	10	13,820		

*Chinook were counted as Fall Chinook beginning on Aug 16.

WILLAMETTE FALLS FISHWAY COUNTS

Month October Year 2005

Date	Hydrological Data				Fall Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						892		73		125		633		201		14,014		
1	9,900				11	903	0	73	0	125	53	686	15	216	2	14,016		
2	10,500				8	911	0	73	0	125	51	737	6	222	2	14,018		
3	10,500	59	55.5	6.0	12	923	0	73	0	125	45	782	5	227	8	14,026		
4	10,500	58	55.4	5.9	3	926	0	73	0	125	51	833	2	229	6	14,032		
5	10,300				14	940	0	73	0	125	47	880	6	235	3	14,035		
6	9,900	58	55.5	6.7	4	944	0	73	0	125	29	909	5	240	5	14,040		
7	9,600	58	55.6	6.6	4	948	0	73	0	125	13	922	4	244	0	14,040		
8	9,500				1	949	0	73	0	125	30	952	4	248	0	14,040		
9	9,900				4	953	0	73	0	125	18	970	0	248	0	14,040		
10	9,800	59	55.4	6.2	1	954	0	73	0	125	13	983	6	254	0	14,040		
11	9,900	59	55.4	6.2	3	957	0	73	0	125	4	987	0	254	0	14,040		
12	9,700	58	55.4	6.0	0	957	0	73	0	125	18	1,005	8	262	2	14,042		
13	9,600				2	959	0	73	0	125	31	1,036	3	265	2	14,044		
14	9,600	58	55.5	6.0	1	960	0	73	0	125	25	1,061	2	267	1	14,045		
15	9,500				1	961	0	73	0	125	27	1,088	1	268	1	14,046		
16	9,400				0	961	0	73	0	125	24	1,112	0	268	0	14,046		
17	9,600	60	55.2	6.1	0	961	0	73	0	125	15	1,127	0	268	1	14,047		
18	9,500	60	55.2	6.1	1	962	0	73	0	125	13	1,140	0	268	2	14,049		
19	9,300	59	55.0	6.0	0	962	0	73	0	125	10	1,150	2	270	2	14,051		
20	9,200	59	55.2	6.0	0	962	0	73	0	125	12	1,162	0	270	0	14,051		
21	9,900	59	55.3	6.2	0	962	0	73	0	125	13	1,175	0	270	0	14,051		
22	9,600				1	963	0	73	0	125	9	1,184	0	270	0	14,051		
23	9,500				0	963	0	73	0	125	18	1,202	0	270	1	14,052		
24	9,500	60	55.3	6.6	0	963	0	73	0	125	5	1,207	0	270	0	14,052		
25	9,400	60	55.3	6.6	0	963	0	73	0	125	6	1,213	0	270	3	14,055		
26	9,200	59	55.5	6.4	1	964	0	73	0	125	11	1,224	0	270	1	14,056		
27	9,300	58	55.5	6.4	0	964	0	73	0	125	7	1,231	0	270	3	14,059		
28	9,600	58	55.4	6.2	0	964	0	73	0	125	3	1,234	0	270	0	14,059		
29	10,600				0	964	0	73	0	125	1	1,235	0	270	1	14,060		
30	10,900				0	964	0	73	0	125	3	1,238	0	270	1	14,061		
31	10,700	56	55.7	4.2	0	964	0	73	0	125	2	1,240	0	270	2	14,063		

* Fall Chinook complete as of October 31.

WILLAMETTE FALLS FISH WAY COUNTS

Month November Year 2005

Date	Hydrological Data				Fall Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	spend	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
											1,240		270				0	
1	12,800	56	55.9	4.0							5	1,245	1	271			2	2
2	18,900	55	56.3	3.5							7	1,252	0	271			9	11
3	18,200	53	56.7	1.0							10	1,262	0	271			8	19
4	18,400	52	56.8	<1.0							8	1,270	0	271			5	24
5	21,900										8	1,278	0	271			9	33
6	24,200										5	1,283	0	271			5	38
7	31,600	50	57.6	<1.0							5	1,288	0	271			7	45
8	29,800	50	57.4	<1.0							7	1,295	0	271			3	48
9	25,900										4	1,299	0	271			4	52
10	24,700	49	56.8	<1.0							5	1,304	0	271			6	58
11	23,000										8	1,312	0	271			3	61
12	24,400										2	1,314	0	271			2	63
13	27,000										1	1,315	0	271			3	66
14	33,200	48	57.3	2.8							1	1,316	0	271			3	69
15	35,200	49	57.6	2.8							2	1,318	0	271			2	71
16	30,300	49	57.3	2.9							0	1,318	0	271			2	73
17	27,800	50	57.0	3.3							0	1,318	0	271			1	74
18	25,500	50	56.9	3.5							3	1,321	0	271			8	82
19	23,000										0	1,321	0	271			1	83
20	20,300										1	1,322	0	271			6	89
21	18,000	45	56.0	4.3							0	1,322	0	271			6	95
22	16,000										0	1,322	0	271			7	102
23	15,100	45	55.7	4.6							0	1,322	0	271			5	107
24	14,700										0	1,322	0	271			2	109
25	15,200	43	55.5	5.2							0	1,322	0	271			2	111
26	20,300										0	1,322	0	271			3	114
27	25,000										0	1,322	0	271			9	123
28	23,100	42	56.8	2.1							0	1,322	0	271			2	125
29	21,900	42	56.6	2.0														
30	25,200	42	56.7	1.8														
31																		

* Due to work on the fish ladder, counts were not available for Nov 29-30.

WILLAMETTE FALLS FISHWAY COUNTS

Month December Year 2005

Date	Hydrological Data				Fall Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
											1,322		271				125	
1	27,000	42	57.0	<1.0							-	1,322	-	271			-	125
2	31,100	41	51.1	1.7							0	1,322	0	271			7	132
3	42,900										0	1,322	0	271			4	136
4	45,600										0	1,322	0	271			0	136
5	38,300	41	58.0	1.2							0	1,322	0	271			1	137
6	32,400	41	57.8	1.0							-	1,322	-	271			-	137
7	27,500	40	57.8	1.0							-	1,322	-	271			-	137
8	23,800	40	56.8	1.6							-	1,322	-	271			-	137
9	21,400	39	56.4	1.8							0	1,322	0	271			1	138
10	19,400										0	1,322	0	271			4	142
11	17,900										0	1,322	0	271			2	144
12	17,500	39	55.8	3.9							0	1,322	0	271			0	144
13	17,600	39	55.9	4.0							-	1,322	-	271			-	144
14	16,700	38	55.8	4.0							-	1,322	-	271			-	144
15	15,300										0	1,322	0	271			1	145
16	14,200	38	55.3	4.8							0	1,322	0	271			2	147
17	14,100										0	1,322	0	271			0	147
18	13,600										0	1,322	0	271			0	147
19	13,200	38	55.2	4.8							0	1,322	0	271			0	147
20	17,600	38	55.3	4.6							0	1,322	0	271			0	147
21	26,800	39	56.5	2.5							0	1,322	0	271			2	149
22	41,700	40	57.8	1.0							0	1,322	0	271			0	149
23	65,000	43	59.5	<1.0							0	1,322	0	271			4	153
24	69,700										0	1,322	0	271			2	155
25	60,600										0	1,322	0	271			5	160
26	51,100										0	1,322	0	271			34	194
27	48,700	44	58.3	<1.0							0	1,322	0	271			38	232
28	57,800	44	58.9	<1.0							0	1,322	0	271			4	236
29	80,800	46	59.9	<1.0							0	1,322	0	271			5	241
30	85,800	46	60.8	<1.0							0	1,322	0	271			2	243
31	112,000										0	1,322	0	271			3	246

* Due to work on the fish ladder, counts were not available for Dec 1, 6-8, and 13-14.